Parker Product Datasheet



The main function of Ermeto DIN banjo fittings is to connect different numbers of tubes or hoses. This broad range of DIN fittings is available in steel and in stainless steel.

PART NUMBER: WHK20SMCSOMDCF
CORE PRODUCT: in EMEA
CONNECTION 2 TYPE: Male Metric
SHAPE: Elbow 90°
CONNECTION 1 TYPE: Male 24° Cone
SEAL TYPE: Soft Seal
CONNECTION 2 SIZE: M27x2.0
ACCESSORIES INCLUDED: n/a
BODY MATERIAL: Steel
CONNECTION 1 SIZE: 20 mm (O.D.)
PRODUCT SERIES: EO Heavy

PRODUCT OVERVIEW

Banjo fittings are used in applications with limited space that involve high working pressure levels.
In the past, the Parker banjo fitting product range has included the W H(high-pressure resistant), SWVE (compact design) and DSVW (very good flow) properties series.
Now, we have combined these 3 series to create the new WHK series, uniting all of the advantages of our former banjo fitting designs.
Besides the product features also the product safety was improved. By the new design banjo bolts can not fall out during assembly thanks to the optimized design. Above that a mix-up between metric and inch dimensions is not possible anymore.

Markets:
• Automotive
• Defence
• Energy
• Environment
• Industrial
• Infrastructure
• Machine Tools
• Materials Handling
• Mobile
• Oil and Gas
• Power Generation
• Process
• Transportation
• Water

Applications:
Suitable for general hydraulic applications.

Features/ benefits:

• High-pressure resistant (up to 420 bar)

• Compact design

• Soft-sealing system with outstanding sealing properties

• Low pressure loss thanks to optimized banjo bolt design with angled drilling

• 2-in-1: Metal sealing version available - no additional metal sealing ring required

- Improved security
- Improved warehouse management

TECH SPECIFICATIONS

FOR FLUID TYPE	Gases
INDUSTRY	Marine
CONNECTION 1 TYPE	Male
APPLICATION	Fuel Transfer
CONNECTION 2 SIZE	M27x2.0 mm Thread
PRODUCT STYLE	Banjo
FOR FLUID TYPE	Hydraulic Fluids
PRODUCT SERIES	EO Heavy
CONFIGURATION	Tube to Port
APPLICATION	Hydraulics
MAXIMUM AMBIENT TEMPERATURE	248 °F
BODY MATERIAL	Steel
FOR FLUID TYPE	Fuels
INDUSTRY	Industrial Manufacturing Equipment
CONNECTION 1 TYPE	24° Cone
APPLICATION	Chemical Transfer
CONNECTION 1 SIZE	20 mm Tube O.D.
SPECIFICATIONS MET	DIN
ACCESSORIES INCLUDED	n/a
FOR FLUID TYPE	Chemicals
CONNECTION 2 TYPE	Male
BRAND	Ermeto

APPLICATION	Mobile Equipment
MAXIMUM AMBIENT TEMPERATURE	120 °C
MAXIMUM FLUID TEMPERATURE	248 °F
INDUSTRY	Agriculture
MINIMUM AMBIENT TEMPERATURE	-40 °C
APPLICATION	Packaging
PRODUCT TYPE	Hydraulic DIN Fittings
DIVISION	High Pressure Connectors Europe Division
SEAL TYPE	Soft Seal
INDUSTRY	Construction
INDUSTRY	Material Handling
SHAPE	Elbow 90°
MINIMUM FLUID TEMPERATURE	-40 °C
SPECIFICATIONS MET	ISO 8434
SEAL MATERIAL	NBR (Eolastic)
MINIMUM FLUID TEMPERATURE	-40 °F
MAXIMUM OPERATING PRESSURE	350 bar
INDUSTRY	Transportation
INDUSTRY	Automotive
FOR FLUID TYPE	Steam
MAXIMUM FLUID TEMPERATURE	120 °C
TECHNOLOGY	Fluid & Gas Handling
APPLICATION	Oilfield
MINIMUM AMBIENT TEMPERATURE	-40 °F
CONNECTION 2 TYPE	Metric

DIVISION	High Pressure Connectors Europe Division